FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| OI | MВ | AP | PR | O | /Α |
|----|----|----|----|---|----|
| | | | | | |

| | OMB Number: | 3235-0287 |
|---|--------------------------|-----------|
| | Estimated average burden | |
| l | hours per response: | 0.5 |

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| affirmative defense condition 10b5-1(c). See Instruction | | | | | | | |
|---|-----------|--|--|--|--|--|--|
| 1. Name and Address of Re | | 2. Issuer Name and Ticker or Trading Symbol Atlas Energy Solutions Inc. [AESI] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) | | | | |
| (Last) (First) (Middle) 5918 W. COURTYARD DRIVE SUITE 500 | | 3. Date of Earliest Transaction (Month/Day/Year) 09/13/2023 | Director X 10% Owner Officer (give title Other (specify below) below) | | | | |
| | D DRIVE | 4. If Amendment, Date of Original Filed (Month/Day/Year) | 6. Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person X Form filed by More than One Reporting Person | | | | |
| (Street) | | | Point filed by More than One Reporting Person | | | | |
| AUSTIN TX | 78730 | _ | | | | | |
| (City) (Sta | te) (Zip) | | | | | | |

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transac Code (Ir 8) | | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) | | | 5. Amount of Securities Beneficially Owned Following Reported | Form: Direct (D) or Indirect (I) (Instr. 4) | Beneficial Ownership |
|---------------------------------|--------------------------|---|---------------------------------|---|---|---------------|--------|--|---|-------------------------|
| | | | Code | v | Amount | (A) or (D) | Price | Transaction(s) (Instr. 3 and 4) | | (Instr. 4) |
| Class A Common Stock | 09/13/2023 | | J ⁽¹⁾ | | 36,892,106 | D | \$0.00 | 0 | D | |

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | Date | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transac Code (In 8) | | 5. Num Derivat Securit Acquire or Disp (D) (Ins and 5) | ive ies ed (A) osed of | 6. Date Exerc Expiration Da (Month/Day/Y | ate | 7. Title and A Securities Un Derivative Se (Instr. 3 and | nderlying ecurity | 8. Price of Derivative Security (Instr. 5) | Securities Beneficially Owned Following Reported | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|---|------|---|---------------------------------|---|--|---------------------------------|--|--------------------|---|-------------------------------------|---|--|--|--|
| | | | | Code | v | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | Transaction(s) (Instr. 4) | | |

| | | | Code | ľ |
|-------------------|-------------------------|----------|------|---|
| 1. Name and Addre | ess of Reporting Person | * | | |
| Atlas Sand H | <u>Ioldings II, LLC</u> | - | | |
| (Last) | (First) | (Middle) | | _ |
| , , | , , | (Middle) | | |
| | TYARD DRIVE | | | |
| SUITE 500 | | | | |
| (Street) | | | | - |
| AUSTIN | TX | 78730 | | |
| (City) | (State) | (Zip) | | |
| 1. Name and Addre | ess of Reporting Person | * | | |
| | Ianagement Co | | | |
| Titias Saira iv | Turing Officer Co | <u> </u> | | |
| (Last) | (First) | (Middle) | | |
| 5918 W. COUR | TYARD DRIVE | | | |
| SUITE 500 | | | | |
| | | | | _ |
| (Street) | | | | |
| AUSTIN | TX | 78730 | | |
| | | | | _ |
| (City) | (State) | (Zip) | | |

Explanation of Responses:

^{1.} Atlas Sand Holdings II, LLC ("Holdings II") distributed these securities as part of a liquidation distribution to its members on a pro rata basis, for no consideration. Atlas Sand Management Company II, LLC ("ASMC II"), the managing member of Holdings II, received pro rata distributions from Holdings II and then distributed such securities as part of a liquidation distribution to its members on a pro rata basis, for no consideration.

/s/ Atlas Sand Holdings II, LLC, by Dathan C. Voelter as Attorney- 09/15/2023

in-Fact

/s/ Atlas Sand Management

** Signature of Reporting Person

Company II, LLC, by Dathan C. Voelter as Attorney-in-Fact

09/15/2023

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- * If the form is filed by more than one reporting person, see Instruction 4 (b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.